

LILIN UK Knowledge Base

Routers Port Forwarding and Opening Ports for LILIN NVR

This guide outlines which ports need to be opened to remotely access a LILIN NVR

To find which port needs to be opened log into your NVR and enter the configuration menu. Select Network on the left-hand side.

9LILIN	O GENERAL	advanced	🖾 E-MAIL 🛛 🖷	FTP	DDNS	CTHER		admin 🗱
👰 STREAM		IP Mode	Static					
CAMERA		IP Address	10.0.0.242	IP Test				
Q.O RECORD		Subnet Mask	255.255.255.0					
்ன் _{ALARM}		Default Gateway	10.0.0.1					
		Primary DNS	10.0.0.1					
		Secondary DNS	8.8.4.4					
		HTTP Port	80	Digest				
ද⊖ို} system		HTTPS Port	443 (1~65535	Certificate				
জি PTZ		FTP Port	12321 (1~65535	Off				
		RTSP Port	554 (1~65535	RTSP URI				
Li META DATA		MAC Address	00:0F:FC:11:79:B9					
■ OTHER		PPPoE Account	user	(Max.	length 64)			
		PPPOE Password	(Max. length 64	(Display)	password)			
D2D OP Code		Hot-spot IP						
P2P QA Code		not-spot in		•				
Version: 4.0.28.7728							Apply	Undo

The port you will need to open on your router is the 'HTTP Port' By default, it is port '80'. It is recommended you do <u>not</u> open this port on your router.

There are two methods available:

1) Change the port number in your NVR to a new available number then open that port up in your router





Router Example:

Index No. 1	
Enable	
Mode	Single 🗸
Service Name	NVR5 Series
Protocol	TCP V
WAN Interface	ALL 🗸
Public Port	80
Source IP	Any 🗸
Private IP	10.0.242
Private Port	80

Or

Use port redirection/mapping. Leave your NVR as port 80 but when you open up the port in your router use another number for the external port that directs towards port 80 internally.



Router Example: NAT >> Port Redirection

Single V	
NVR5 Series	
TCP V	
ALL 🗸	
242	
Any 🗸	
10.0.242	
80	
	Single NVR5 Series TCP ALL 242 Any 10.0.0.242 80

Note: Routers will have different terminology and methods for opening ports.

PortForward.com is a website that shows default guides for hundreds of different routers.